



Eliminator Dechlor™

Dechlorination Water Purification Systems

(2x10, 2x20, 2x10BG, 2x20BG)



Dechlor 2x10



Dechlor 2x10BG



Dechlor 2x20



Dechlor 2x20BG

INSTALLATION AND OPERATING MANUAL

SpectraPure®

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Thank You for your purchase of a SpectraPure® System. With proper installation and maintenance, this system will provide you with high quality water for years to come. All SpectraPure products are rigorously tested by us for safety and reliability. If you have any questions or concerns, please contact our customer service department at 1.800.685.2783.

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WARNING

Please read carefully before proceeding with installation. Failure to follow any attached instructions or operating parameters may lead to the product’s failure and possible damage to property.

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SpectraPure®

Filtered water grows healthier, more beautiful and longer-lasting plants than ordinary tap water. Your plants will flourish with harmful chlorine and sediments removed from your tap water. SpectraPure manufactures a wide range of the highest quality water purification equipment available.

Features:

- The maximum performance, zero-waste dechlorination system specifically designed for hydroponic, vegetable and flower gardens
- Removes chlorine, organic chemicals, and trihalomethanes
- An economical alternative to Reverse Osmosis Systems
- Remove up to 98% of chlorine
- Remove up to 95% of sediments
- Garden hose connector
- Easy serviceability
- One year warranty

Dechlor 2x10:

Dual 10-inch carbon filters

3/4" Female garden hose connector included

Dechlor 2x20:

Dual 20-inch carbon filters

3/4" Female garden hose connector included

Dechlor 2x10BG:

Dual 10" Big Grey carbon filters for maximum capacity

Includes Pressure Gauge to determine when a filter change is required

Comes with dual (male/female) brass garden hose connectors

Dechlor 2x20BG:

Dual 20" Big Grey carbon filters for maximum capacity

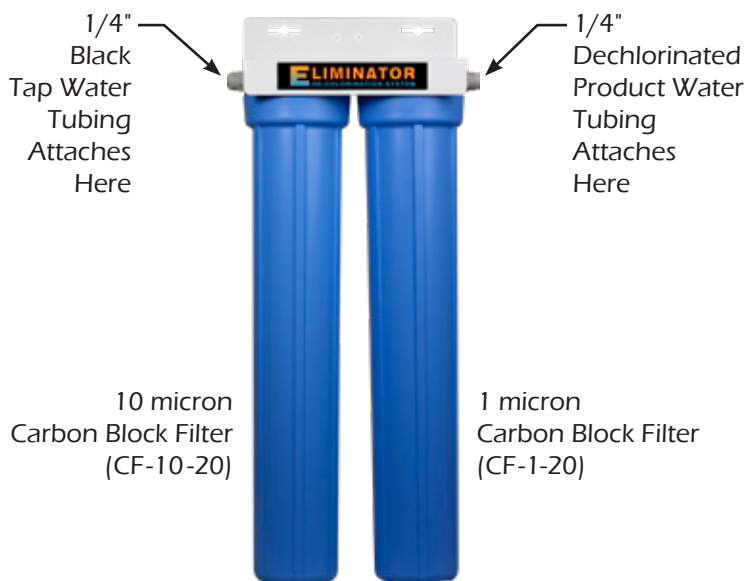
Includes Pressure Gauge to determine when a filter change is required

Comes with dual (male/female) brass garden hose connectors

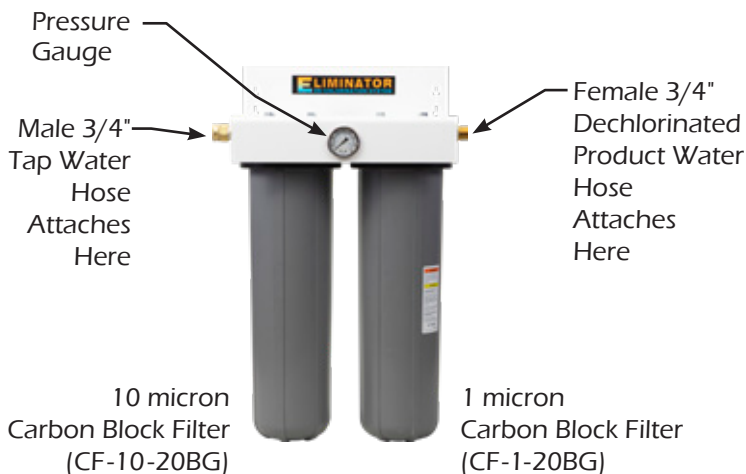
SpectraPure® Inc. assumes no responsibility for water damage due to leaks. It is the user's responsibility to determine that the system is leak-free.

SpectraPure®

DECHLOR 2x10 & 2x20:



DECHLOR 2x10BG & 2x20BG:



WORKING WITH PUSH FITTINGS:

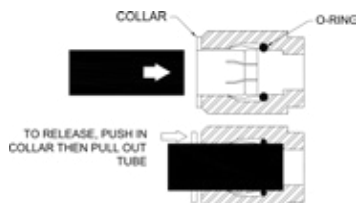
Push fittings are very reliable and convenient tubing connectors.

To remove the tubing from its push fitting:

1. Firmly depress and hold the push fitting collar down with your thumbnail.
2. While the push fitting collar is depressed, pull the tubing straight out of the push fitting. Once the tubing is removed, release the collar.

To reinsert the tubing into its push fitting:

1. Moisten the O-ring seal inside the push fitting by dripping a few drops of clean water into the fitting.
2. Grasp the tubing near the end, and insert the tubing into the push fitting.
3. Push the tubing into the fitting until resistance is felt, approximately 1/2 inch (12.7 mm). The tubing is now resting on the O-ring seal inside the fitting.
4. Firmly push the tubing approximately an additional 1/4 inch (6.35 mm) further into the fitting to completely seat the line into the fitting and past the O-ring seal.
5. Turn on the system water supply and check for leaks prior to further use or testing. If a leak is observed, you may not have pushed the tubing into the push fitting far enough to seal the tubing against the O-ring. Turn off the system water supply and reseat the tubing as described above.



SYSTEM INSTALLATION & INITIALIZATION:

1. Most of the components of this system are plastic and are subject to damage by ultraviolet light from the sun and other sources such as metal halide lighting.
2. Avoid installing this unit in an area where it may be subjected to bright light or direct sunlight, as algae is more likely to thrive inside the clear filter housings when exposed to bright light.
3. The unit must be kept out of areas that are subject to freezing temperatures.
4. High temperatures greater than 113° F (45 C) should be avoided. If the unit is used outside, avoid putting the system in direct sunlight or connecting it to a garden hose that may be exposed to sunlight.
5. (Non-BG Systems) Attach the black tubing to the left side of the Carbon Filter Housing (See page 4) and then connect the garden hose adapter on the black tubing to your cold water source.
6. (BG-Systems) Connect the male end of a tap water garden hose to the left side of the system and another female end of a garden hose to the right side of the system.
7. Open the cold water supply valve. **On the “BG” systems, note the pressure reading on the pressure gauge. As the filters become plugged up with sediments, the pressure reading will drop, indicating the need for new filters.**
8. Check the system to ensure that all fittings are tight and leak-free before leaving the system unattended. (If anything is leaking, contact SpectraPure for assistance.)
9. Note: It is recommended that at least 2 gallons (7.57 liters) of purified water be discarded now before collecting purified water for use. If the unit is not used for several days, run the system for a few minutes before collecting any water. This will flush out any stale water in the system.
10. You can install an optional Float Valve onto a collection reservoir and attach the output line to the optional Float Valve.

CARBON BLOCK FILTER REPLACEMENT:

A Carbon Filter will usually last 4-6 months ,depending on the chlorine (or chloramine) content of your tap water. The best way to determine when your Carbon Block Prefilter needs replacement is to use a chlorine test kit.

Any chlorine level above 0.1 ppm will indicate that the carbon block filters must be changed. To test for chlorine breakthrough, collect a 10 ml sample of the concentrate from the output tubing and test the chlorine concentration using test kit TK-CL-10-KIT. If the chlorine concentration is above 0.1ppm, chlorine breakthrough has begun. Replace the carbon filters.

NOTE: A drop in the system's production is, in most cases, an indication that the filters have become saturated with contaminants, or they are covered with extremely fine sediment. If the carbon becomes plugged with sediment, it will no longer be able to remove chlorine.

On the "BG" systems, note the pressure reading on the pressure gauge. As the filters become saturated with sediments and particulate matter, the pressure reading will drop, compared to the original tap water pressure, indicating the need for new filters.

Materials Required: 10 micron & 1 micron Carbon Block Filters, Filter Wrench, Chlorine Test Kit (TK-CL-10-KIT)

1. Turn off water supply to the system.
2. Using the provided filter housing wrench, remove the left-hand housing. Unscrew it clockwise as viewed from the top.
3. Remove the old filter and discard.
4. Thoroughly wash the housing with a mixture of hot soapy water and a few teaspoons of household bleach. Rinse well with clean hot water.
5. Insert the new 10 micron carbon block filter into the housing, Screw the housing back onto the assembly and hand-tighten **only**.
6. Repeat steps 2 through 5 for the right-hand housing and 1 micron carbon block filter.

NOTE: **Do not use filter wrench to tighten housings. Over-tightening will damage housings and void your warranty.**

7. Turn on system water supply and check for leaks.



ONE YEAR LIMITED WARRANTY:

SpectraPure, Inc.® warrants the product to the original owner only to be free of defects in material and workmanship for a period of one year from the date of receipt. SpectraPure's liability under this warranty shall be limited to repairing or replacing at SpectraPure's option, without charge, F.O.B. SpectraPure's factory, any product of SpectraPure's manufacture. SpectraPure will not be liable for any cost of removal, installation, transportation or any other charges which may arise in connection with a warranty claim. Products which are sold but not manufactured by SpectraPure are subject to the warranty provided by the manufacturer of said products and not by SpectraPure's warranty. SpectraPure will not be liable for damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair or, if the product was not installed in accordance with SpectraPure's or other manufacturer's printed installation and operating conditions, or damage caused by hot water, freezing, flood, fire or acts of God.

SpectraPure will not be responsible for any consequential damages arising from installation or use of the product, including any water or mold damage due to flooding which may occur due to malfunction or faulty installation, including, but not limited to failure by installer to over- or under-tighten fittings, housings, and/or push-style fittings, or improper installation of push-style fittings. Consumable items such as prefilters and membranes are not covered under the one year warranty.

To obtain service under this warranty, the defective system or components must be returned to SpectraPure with proof of purchase, installation date, failure date and supporting installation data. Any defective product to be returned to the factory must be sent freight prepaid. Documentation supporting the warranty claim and a Return Merchandise Authorization (RMA) number must be included. SpectraPure will not be liable for shipping damages due to the improper packaging of the returned equipment and all returned goods must also have adequate insurance coverage and a tracking number.

SpectraPure will not pay for loss or damage caused directly or indirectly by the presence, growth, proliferation, spread or any activity of "fungus", wet or dry rot or bacteria. Such loss or damage is excluded regardless of any other cause or event that contributes concurrently or in any sequence to the loss. We will not pay for loss or damage caused by or resulting from continuous or repeated seepage or leakage of water, or the presence or condensation of humidity, moisture or vapor, that occurs over a period of 14 days or more. "Fungus" and "fungi" mean any type or form of fungus or Mycota or any byproduct or type of infestation produced by such fungus or Mycota, including but not limited to, mold, mildew, mycotoxins, spores, scents or any biogenic aerosols.

SpectraPure will not be liable for any incidental or consequential damages, losses or expenses arising from installation, use, or any other causes. There are no expressed or implied warranties, including merchantability or fitness for a particular purpose, which extend beyond those warranties described or referred to above.

* **The one year limited warranty does not apply to consumable items, including but not limited to, filters and cartridges unless specifically stated above.**

TERMS AND CONDITIONS:

1. Shipping charges on units or parts submitted to our facility for repair or replacement must be borne by the registered purchaser. After repair or replacement, the factory will return the unit or part freight prepaid to the customer.
2. We assume no warranty liability in connection with our equipment other than as herein specified.
3. This warranty is in lieu of all other warranties expressed or implied, including warranties of fitness for a particular purpose.
4. We do not authorize any person or representative to assume for us any other obligation on the sale of our equipment. This is the exclusive remedy and liability for consequential damages under any and all warranties which are excluded to the extent exclusion is permitted by law.
5. Proof of original purchase date must accompany all warranty claims.
6. SpectraPure, Inc. Reserves the right to change prices without notice when necessary. All prices in the catalog are quoted in US dollars.
7. Claims for error in quantity or condition must be made within 10 days of receipt of material. SpectraPure, Inc. will not be responsible for any claimed shortages not reported within 10 days. Returns other than warranty claims may be subject to 20% restocking fee.
8. SpectraPure, Inc. cannot be held liable for damage or loss to a shipment by a freight carrier. Check shipment for damage before acceptance or note on freight bill subject to inspection for concealed damage. Consignee must file claim. SpectraPure, Inc. will offer as much assistance as possible.
9. A complete credit check is required prior to shipping on a Net 30 basis. In the interim period during which credit references are being evaluated, all orders must be prepaid until approved.
10. All returned checks [due to insufficient funds or closed accounts] will be subjected to a **\$35 penalty charge**.
11. Invoices on Net 30 accounts not paid within 30 days of shipment will be considered delinquent and will accrue Finance charges at the rate of 1.5% per month (18% per annum).

REPLACEMENT PARTS:

Part Number	Description
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For the Dechlor 2x10:

CF-10-10	10 micron Carbon Block Prefilter
CF-1-10	1 micron Carbon Block Prefilter

For the Dechlor 2x20:

CF-10-20	10 micron Carbon Block Prefilter
CF-1-20	1 micron Carbon Block Prefilter

For the Dechlor 2x10BG:

CF-10-10BG	10 micron "Big Grey" Carbon Block Prefilter
CF-1-10BG	1 micron "Big Grey" Carbon Block Prefilter

For the Dechlor 2x20BG:

CF-10-20BG	10 micron "Big Grey" Carbon Block Prefilter
CF-1-20BG	1 micron "Big Grey" Carbon Block Prefilter

OTHER ACCESSORIES:

TK-CL-10-KIT	Total Chlorine Test Kit
TK-CL-10TABS	Refill Kit - 10 Tabs

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